# NON-BIDDING

# **PROPOSAL**

### TRANSPORTATION CABINET Department of Highways Frankfort, Kentucky 40622

PROPOSAL NO PROJECT COD		LETTING OF JANUARY 17, 2003 Sealed Bids will be received in the Division of Contract Procurement and/or the Auditorium located on the 1st Floor of the State Office Building until 10:00 A.M., EST, on JANUARY 17, 2003. Bids will be publicly opened and read at 10:00 A.M., EASTERN STANDARD TIME.	
The Morganf	OUNTY, FD05 051 0060 000-004 ield-Henderson Road (US 60) from the U en northerly to KY 266 in Corydon (MP		
Asphalt Sur	-		
(2)			
TO JUNE 15, THE REQUEST WORK PERFOR	2003. THE REQUEST MUST BE IN WRITING OF THE CONTRACTOR WILL BE WITH THE DI	A WORK ORDER WITH AN EFFECTIVE DATE PRIOR TO THE DEPARTMENT. A WORK ORDER ISSUED AT STINCT UNDERSTANDING THAT PAYMENT FOR ANY Y 15, 2003. A WORK ORDER WILL BE ISSUED REQUESTS AN EARLIER WORK DATE.	
LATITUDE	COORDINATES: - 37° 43' NORTH - 87° 47' WEST		
COMPLETION	DATE ESTABLISHED FOR PROJECT:	AUGUST 15, 2003	
LIQUIDATED :	DAMAGES	SEE STANDARD SPECIFICATIONS	
REQUIRED BI	D PROPOSAL GUARANTY: Not less than 5%	of the total bid.	
(Check g	uaranty submitted: Cashier's Check	Certified Check     Bid Bond    )	
	BID BONDS WHEN SUBMITTED WILL BE		
PART	INDEX OF CO	NTENTS	
I	SCOPE OF WORK		
II	SPECIAL PROVISIONS APPLICABLE TO PROJ	ECT	
III	EMPLOYMENT, WAGE AND RECORD REQUIREMENTS		
IV	INSURANCE		
V	STATEMENT OF INCOMPLETED WORK AND SUB	CONTRACTED WORK	
VI	BID ITEMS		
VII	CERTIFICATION		
BID	PROPOSAL ISSUED TO:		

Address

City

State

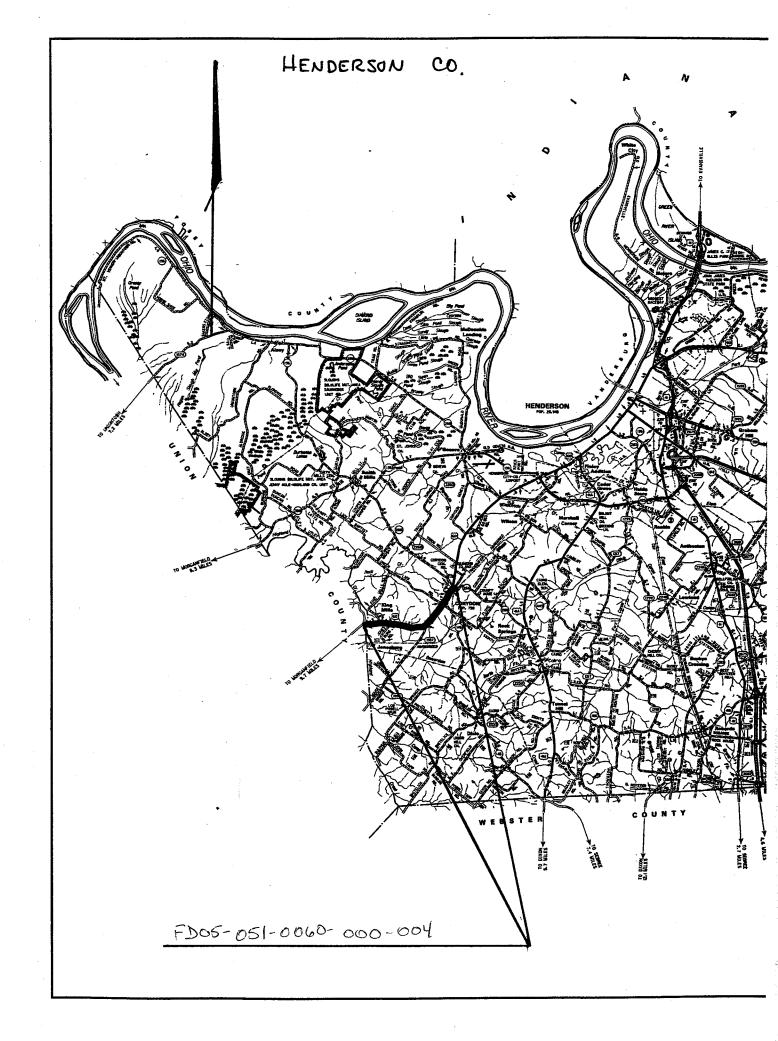
Zip

#### PART I

#### SCOPE OF WORK

#### 1. Project Detail

a. See Sketch, Location Summary, Typical Sections (2 Sheets) and Detail	Attached
b. Special Notes Applicable to Project	Attached
c. Supplemental Specifications	Attached
d. Special Note for Acceptance of Density of Longitudinal Joints in Asphalt Surface Pavements (6-4-02)	Attached
e. Special Note for Traffic Control Plan	Attached
f. Special Note for Typical Section Dimensions	Attached
g. Special Note for Asphalt Milling and Texturing	Attached
h. Special Note for Rolled In Rumble Strips	Attached
i. Special Note for Award of Contract	Attached
j. Special Notes for Base Failure Repair	Attached



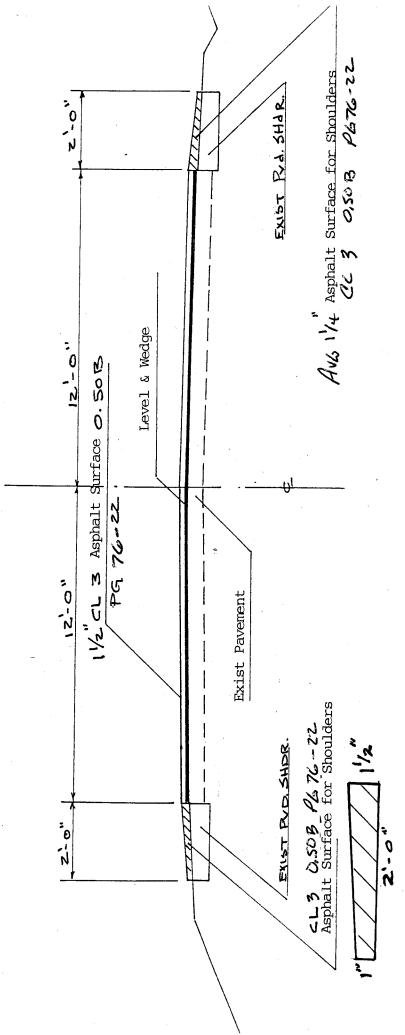
#### FD05 051 0060 000 004

#### **HENDERSON COUNTY**

#### U.S. HIGHWAY 60

#### BASE FAILURE REPAIRS

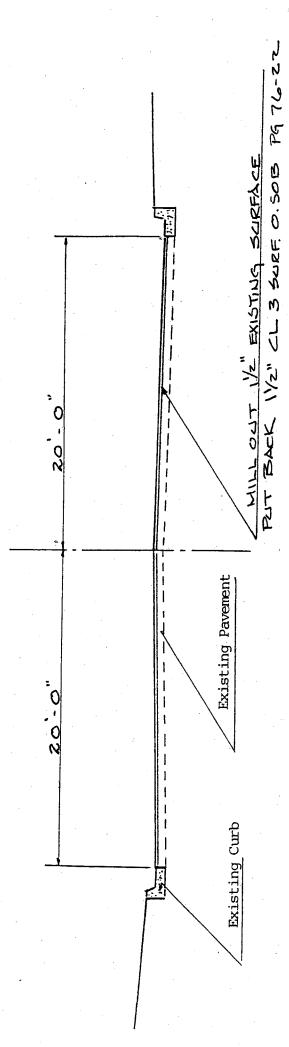
PATCH	PATCH LOCATION		MILE	POINT	LENGTH	WIDTH
NO	EB	WB	BEGIN	END	FEET	FEET
1	X	Х	1.182		10	24
2	Х	Х	1.307		10	24
3	Х	Х	1.381		10	24
4	Х	X	1.813		10	24
5	Х	Х	1.881		10	24
6	Х	Х	2.221		10	24
7	Х	Х	2.245		10	24
8	Х	Х	2.338		10	24
9	Х	Х	2.390		10	24
10	Х	Х	2.412		10	24
11	Х	Х	2.451		10	24
12	Х	Х	2.480		10	24
13	Х	Х	2.526		10	24
14	Х	Х	2.582		10	24
15	Х	Х	2.681		10	40
16	Х	Х	2.481		10	40
17	Х	Х	2.725	2.730	26	40
18	Х	. X	2.774		10	40
19	Х	Х	3.084		10	40
			·			



HENDERSON CONTY 1.5. HIGHWAY 60

milepoint a.coo to Milepoint 2. 637

Not to Scale



TYPICAL SECTION

4.5. HIGH-MAY 60

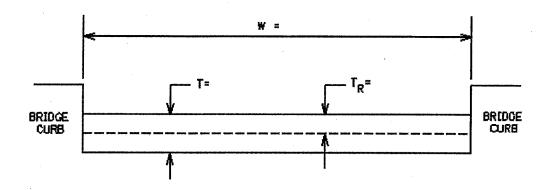
HENDERSON CO.

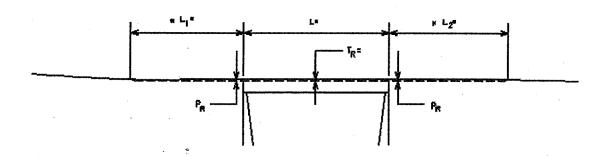
Milepoint 2.637 To Hilepoint 3.362

### CONSTRUCTION DETAIL FOR BRIDGE WITHIN LIMITS OF PAVING PROJECT

FD05 051 0060 000 004

#### BRIDGE NUMBER B000 38





#### **DIMENSIONS**

W = 26

T = 0

 $L_1 = \mathbf{o}$ 

 $L_2 = 150$ 

 $T_R =$ 

L = 449

 $P_R = 1^1/z$ 

#### **ELEVATION**

W = bridge width curb to curb

T = thickness of existing bituminous overlay

 $L_1 & L_2 = length of approach pavement to be removed$ 

 $T_R$  = thickness to be removed and replaced on bridge

L = length of bridge

 $P_R$  = thickness to be removed and replaced on pavement

\* Note: L<sub>1</sub> & L<sub>2</sub> lengths shall be determined by using a transition rate of 100 ft / inch of thickness

Bridge Detail 8/8/2001

#### SPECIAL NOTES APPLICABLE TO PROJECT

THE FOLLOWING STANDARD DRAWINGS APPLY TO THIS PROJECT AND MAY BE OBTAINED BY CONTACTING THE DEPARTMENT OF HIGHWAYS, DIVISION OF DESIGN, AT A COST OF \$0.50 PER COPY:

Miscellaneous Standards Part 1 (RGX-001-04)
Approaches, Entrances, and Mail Box Turnout (RPM-110-04)
Lane Closure Two-Lane Highway Case I (TTC-100)
Miscellaneous Traffic Control Devices (TTD-100)
Miscellaneous Traffic Control Devices (TTD-105)
Post Splicing Detail (TTD-110)

#### 2000 SPECIFICATIONS & 2003 STANDARD DRAWINGS

Any reference in the plans or proposal to the Standard Specifications for Road and Bridge Construction, Edition of 1998, and Standard Drawings, Edition of 2000 are superseded by Standard Specifications for Road and Bridge Construction, Edition of 2000 and Standard Drawings, Edition of 2003.

#### 2001 SUPPLEMENTAL SPECIFICATIONS

The **2001 Supplemental Specifications** to the 2000 Standard Specifications for Road and Bridge Construction shall apply to this project.

#### PROPOSAL ADDENDA

All Addenda to this proposal must be incorporated into the proposal when the bid is submitted to the Kentucky Department of Highways. Failure to use the correct and most recent bid sheet(s) may result in the bid being rejected.

#### BID SUBMITTAL

Bidder must use the Department's Highway Bid Program available on the internet web site of the Department of Highways, division of Contract Procurement. (www.kytc.state.us/contract)

The Bidder must download the bid items created from the web site to prepare a bid proposal for submission to the Department. The bidder must insert the completed bid item sheets printed from the Program into the bidder's proposal and submit with the disk created by said program.

#### JOINT VENTURE BIDDING

Joint Venture bidding is permissible. However, both companies <u>MUST</u> purchase a bidding proposal. Either proposal may be submitted but must contain the company names and signatures of both parties where required. A joint bid bond of 5% may be submitted for both companies or each company may submit a separate bond of 5%.

#### UNDERGROUND FACILITY DAMAGE PROTECTION

The contractor is advised that the Underground Facility Damage Protection Act of 1994, became law January 1, 1995. It is the contractor's responsibility to determine the impact of the act regarding this project, and take all steps necessary to be in compliance with the provisions of the act.

#### ASPHALT BASE PRICE

The Asphalt Base Price shall be \$170.00 (english) as applicable in Section 109.07 of the 2000 Standard Specifications.

#### INCIDENTAL SURFACING

The quantities established in the proposal include estimated quantities required for resurfacing or surfacing mailbox turnouts, farm field entrances, residential and commercial entrances, and road and street approaches. These items are to be paved to the limits as shown on **Standard Drawing RPM 110** or to the limits as directed by the Engineer. In the event signal detectors are present in the intersecting streets or roads, the paving of the crossroads shall be to the right of way limit or back of the signal detector, whichever is the farthest back of the mainline. These areas are to be surfaced or resurfaced as directed by the Engineer and no direct payment will be allowed for placing and compacting.

#### OPTION A

The Contractor is advised that the compaction of asphalt mixtures furnished for driving lanes and ramps, at 25mm (1 inch) or greater, on this project will be accepted according to OPTION A in accordance with Section 402 and Section 403 of the 2000 Standard Specification. The compaction of all other asphalt mixtures will be accepted by OPTION B.

#### SPECIAL NOTES APPLICABLE TO PROJECT (Continued)

Mainline Surfacing Width 24-40 Feet.

Total area to be Surfaced 59556 Square Yards.

Class 3 Asphalt Surface 0.5B PG 76-22 estimate based on depth of 1.5" - 165 lbs/Sq Yd.

Class 3 Asphalt Surface 0.5B PG 76-22 FOR SHOULDER estimate based on depth of 1.25" - 138 lbs/Sq Yd.

Class 2 Asphalt Base 1.5D PG 64-22 estimate based on depth of 4" - 440 lbs/Sq Yd.

The ADT for this project is estimated at 7380.

Shoulders-(7889 Sq. Yds.) 2 'wide on each side.

(Effective with the October 25, 2002 Letting)

Unless stated otherwise, all revisions are to the Standard Specifications for Road and Bridge Construction.

	2001 Symplemental Specifications to The Standard Specifications for Road and Bridge Construction.	
PUBLICATION:	2001 Supplemental Specifications to The Standard Specifications for Road and Bridge Construction.	
SUBSECTION:	Construction. 104.02.02 Overrun and Underrun Formulas.	
REVISION:	Void the revision.	
SUBSECTION:	104.02.02 Overrun and Underrun Formulas.	
REVISION:	Replace the fifth paragraph with the following:	
REVISION:	Replace the firm paragraph with the following.	
	For the excessive underrun and overrun quantities, the Department will adjust the payment	
	according to the appropriate following formula:	
SUBSECTION:	104.02.02 Overrun and Underrun Formulas.	
NUMBER:		
REVISION:	Replace the threshold value of 20 percent with 30 percent.	
SUBSECTION:	102.07.01 General.	
REVISION:	Replace the first sentence with the following:	
KEVISION.	replace the first solution with the following.	
	Submit the Bid Proposal on the forms furnished by the Department including the Highway Bid	
	Program bid item sheets and disk created from the Department's internet web site.	
SUBSECTION:	102.07.02 Computer Bidding.	
REVISION:	Replace the subsection with the following:	
	Subsequent to ordering a Bid Proposal for a specific project, use the Department's Highway Bid	
:	Program on the internet web site of the Department of Highways, Division of Contract	
	Procurement. Download the bid item quantities from the Department's web site to prepare a Bid	
	Proposal for submission to the Department. Insert the completed bid item sheets printed from the	
	Highway Bid Program into the Proposal and submit along with the disk created by said program.	
	In case of a dispute, the Bid Proposal and bid item sheets created by the Highway Bid Program	
	take precedence over any bid submittal.	
	Furthermore the Department takes no responsibility for loss, damage of disks or the	
	compatibility with the bidder's computer equipment or software.	
SUBSECTION:	102.08 IRREGULAR BID PROPOSALS.	
REVISION:	Add the following to the first set of items:	
	A) P. T	
GEIDGE GETON	4) Fails to submit a disk created from the Highway Bid Program	
SUBSECTION:	102.08 IRREGULAR BID PROPOSALS.	
REVISION:	Replace 1) of the second set of items with the following:	
	1) when the Bid Proposal is on a form other than that furnished by the Department or printed from	
. "	other than the Highway Bid Program, or when the form is altered or any part is detached.	
CUDCECTION.	112.03.01 General Traffic Control.	
SUBSECTION: PART:	I) Temporary Traffic Signals.	
REVISION:	Replace the MUTCD reference "Section 4B" with "Chapter 4D"	
SUBSECTION:	212.03.03 Permanent Seeding and Protection.	
PART:	A) Seed Mixtures for Permanent Seeding.	
REVISION:	Replace with the following:	
KEVISION.	Replace with the following.	
	A) Seed Mixture for Permanent Seeding. Use seed Mixture No. I or as the Contract specifies.	
	Mixture No. I:	
	75% Kentucky 31 Fescue (Festuca arundinacea)	
	10% Red Top (Agrostis alba)	
	5% White Dutch Clover (Trifolium repens)	
<u> </u>	10% Rygrass, perennial (Lolium perenne)	

# Supplemental Specifications to The Standard Specifications for Road and Bridge Construction, 2000 Edition (Effective with the October 25, 2002 Letting)

SUBSECTION:	212.03.03 Permanent Seeding and Protection.
PART:	C) Crown Vetch.
REVISION: ·	Replace the first sentence with the following:
	Sow crown vetch seed on all areas having a slope 3:1 or steeper and consisting of soil or mixtures
	of broken rock and soil.
SUBSECTION:	212.03.03 Permanent Seeding and Protection.
PART:	=
REVISION:	
	Install erosion control blankets in ditches, except those to be paved or rock lined, to a flow depth of
	1.5 feet.
SUBSECTION:	402.03.02 Acceptance.
PART:	C) Setup.
REVISION:	Add the following after the second sentence:
123,123,13	
	For mixtures with a total-project quantity between 500 and 1,000 tons, perform a minimum of one
	process control test for AC, AV, and VMA, and report the results to the Engineer.
SUBSECTION:	402.03.03 Verification.
REVISION:	Replace the first two sentences with the following:
TO VIDIOIN	
	For volumetric properties, the Department will perform a minimum of one verification test for AC,
	AV, and VMA for each lot according to the corresponding procedures as given in Subsection
	402.03.02. For specialty mixtures, the Department will perform one AC and one gradation
	determination per lot according to the corresponding procedures as given in Subsection 402.03.02.
	However, Department personnel will not perform AC determinations according to KM 64-405.
SUBSECTION:	403.02.06 Transport Equipment.
REVISION:	Add the following after the first sentence:
REVISION.	Add the following dites the most contented.
	Do not load trucks that are contaminated with an unapproved release agent. When such
	contamination is identified after loading, reject the load. In either case, remove the truck and
	respective driver from the project for the duration of the project.
SUBSECTION:	403.03.03 Preparation of Mixture.
PART:	A) Mixture Composition.
REVISION:	Replace the second sentence with the following:
RESVIDIO!	Troping and second services with the services of the services
	Conform to the gradation requirements (control points) of AASHTO MP2 for the Superpave mixture
	type the Contract specifies.
SUBSECTION:	403.03.03 Preparation of Mixture.
PART:	C) Mix Design Criteria.
REVISION:	Replace the first sentence with the following:
RE VISION.	Atopituo ato Mot oomene maa ato some meg
	Conform to the gradation requirements (control points) of AASHTO MP2 for the Superpave
	mixture.
SUBSECTION:	403.03.03 Preparation of Mixture.
PART:	C) Mix Design Criteria.
NUMBER:	2) Selection of Optimum AC.
REVISION:	Add the following:
	Ensure the optimum AC is a minimum of 5.0 percent by weight of the total mixture for all 0.5-inch
1	nominal surface mixtures and 5.3 percent by weight of the total mixture for all 0.38-inch nominal
	surface mixtures.
SECTION:	403.03.06 Thickness Tolerance.
TABLE:	Nominal Maximum Size of Mixture vs. Thickness Range
	Delete
REVISION:	Defet

(Effective with the October 25, 2002 Letting)

SUBSECTION:

403.03.09 Leveling and Wedging, and Scratch Course.

PART:

A) Leveling and Wedging.

**REVISION:** 

Replace the first sentence with the following:

Conform to the gradation requirements (control points) for base, binder, or surface as applicable.

SUBSECTION:

403.03.09 Leveling and Wedging, and Scratch Course.

PART:

B) Scratch Course.

**REVISION:** 

Replace the second sentence with the following:

Conform to the gradation requirements (control points) for base, binder, or surface as the Engineer

directs

**SECTION:** 

404 OPEN-GRADED FRICTION COURSE

TABLE:

LOT PAY ADJUSTMENT SCHEDULE FOR SPECIALTY MIXTURES Replace the table with the table on the last page of this supplement.

REVISION: SUBSECTION:

409.02 MATERIALS AND EQUIPMENT.

REVISION:

Replace "KM 64-427" with the following:

the guidelines in Subsection 409.03.02

SUBSECTION:

409.03.01 Restrictions.

REVISION:

Add the following sentence:

When the mixture's bid item specifies PG 76-22, limit RAP content to 20 percent or less.

**PUBLICATION:** 

2001 Supplemental Specifications to The Standard Specifications for Road and Bridge Construction.

SUBSECTION:

409.03.02 Preparation of Mixture.

PART:

A) Mix Requirements.

**REVISION:** Vo

Void the Revision and replace with the following:

Conform to the Contract requirements for each mixture produced using RAP. If mixtures produced using RAP do not conform to the requirements for that mixture, complete the project using all virgin materials at no additional expense to the Department. Conform to the following table to select the appropriate grade of virgin asphalt binder to blend with the RAP:

Mixture's	Appropriate Virgin Asphalt Binder		
Bid Item	0-20% RAP	21-30% RAP	>30% RAP
PG 76-22	PG 76-22	-	-
PG 70-22	PG 70-22	PG 64-22	*
PG 64-22	PG 64-22	PG 64-22	*

<sup>\*</sup> Select according to KM 64-427

SUBSECTION:

611.03.02 Precast Unit Construction.

**REVISION:** 

Replace the first sentence with the following:

Construct units according to ASTM C 1433 with the following exceptions and additions:

PUBLICATION:

2001 Supplemental Specifications to The Standard Specifications for Road and Bridge Construction.

SUBSECTION:

701.03.05 Joints.

PART:

B) Corrugated Metal Pipe.

**REVISION:** 

Void the Revision and replace with the following:

Construct joints using a band with annular corrugations and a bolt, bar and strap connection. Use a minimum nominal band width of 12 inches for all pipe diameters 54 inches and smaller. Use a two-piece band with a minimum nominal width of 20 inches for all pipe diameters greater than 54 inches. Manufacture the band from the same base materials as the pipe. The pipe bands may be up to two gauges lighter than the pipe it is joining, with a minimum gauge thickness of 16. The Department may allow dimple band connections for field cut pipe. Install the connecting bands according to the

manufacturer's written recommendations.

(Effective with the October 25, 2002 Letting)

SUBSECTION:	710.02 MATERIALS.		
REVISION:	Add the following Subsection:		
202120111	And the same times a second to the		
	710.02.15 High Density Polyethylene (HDPE) Adjusting Rings. Conform to Section 846.		
SUBSECTION:	710.03.01 Newly Constructed Small Drainage Structures.		
PART:	A) General.		
REVISION:	Replace the last sentence of the sixth paragraph with the following:		
	Use precast concrete, precast concrete pipe sections, cast-in-place, brick, or HDPE adjusting rings		
	for adjustment of existing manholes according to the Standard Specifications.		
SUBSECTION:	710.03.03 Adjusted Small Drainage Structures.		
<b>REVISION:</b>	Add the following sentence to the end of the first paragraph:		
	For HDPE adjusting rings, install and seal according to the manufacturer's recommendations.		
SUBSECTION:	713.03 CONSTRUCTION.		
REVISION:	Replace the MUTCD references to "Part III" with "Part 3"		
SUBSECTION:	714.03 CONSTRUCTION.		
REVISION:	Replace the MUTCD references to "Part III" with "Part 3" and figure references to "3-11 and 3-12"		
	with "3B-8 and 3B-9"		
SUBSECTION:	714.03.01 Layout.		
REVISION:	Replace the MUTCD reference to "Part III" with "Part 3"		
PUBLICATION:	2001 Supplemental Specifications to The Standard Specifications for Road and Bridge Construction.		
SUBSECTION:	714.05 PAYMENT.		
REVISION:	Replace with the following:		
	The Department will make payment upon completion of the work. If after the proving period the		
	markings do not meet minimum retroreflectivity requirements, the Department will adjust the		
	payment or require corrective work according to the following:		
SUBSECTION:	718.01 DESCRIPTION.		
REVISION:	Replace the second sentence with the following:		
KEVIBION.	Replace the second sentence what are tone wing.		
	See Section 3C.01 of the MUTCD for a general description.		
SUBSECTION:	807.02.03 Joint Sealer for Ridged Pipe.		
PART:	B) Rubber Gaskets.		
REVISION:	Replace with the following:		
	B) Butyl Rubber Sealants. Furnish butyl rubber sealants conforming to the materials, manufacture,		
	and physical requirements for sealants in AASHTO M 198, Section 6.2. Use only products from		
	the Department's List of Approved Materials.		
SUBSECTION:	807.02.03 Joint Sealer for Ridged Pipe.		
PART:	C) Flexible Plastic Gaskets.		
REVISION:	Replace with the following:		
	اممنسيات السياسي المساور المسا		
	C) Rubber Gaskets. Furnish rubber gaskets conforming to the materials, manufacture, and physical		
	requirements for gaskets in AASHTO M 315. Use only products from the Department's List of		
	Approved Materials.		

(Effective with the October 25, 2002 Letting)

Carra Santi A Carra		ADD AD WISSING DRIVES
SECTION:	846 HIGH DENSITY POLYETHYLENE (HE	PPE) ADJUSTING RINGS
<b>REVISION:</b>	Add the following New Section:	
	SECTION 846 HIGH DENSITY POLYETHY	LENE (HDPE) ADJUSTING RINGS
	846.01 RESIN. Use a recycled polyethyle meeting the following requirements:	ne plastic or virgin resin producing a molded part
	Melt Flow Index (ASTM D 1238)	4.0-10.0 g/10min
	Density (ASTM D 792)	0.941-0.965 g/cm <sup>3</sup>
	Tensile (ASTM D 638)	2000-5000 lb/in <sup>2</sup>
		Condition C
	846.02 LOADING. Ensure the adjustment AASHTO'S Standard Specification for HS-25	rings meet or exceed the loading requirements of
SECTION:	827.04 PERMANENT SEED.	Whool folding for frightney Driagos.
REVISION:	Replace with the following:	
to the	827.04 PERMANENT SEED. Conform to the re Provisions for Seed Certification in Kentucky" a with following exceptions:	equirements outlined in the "Kentucky Seed Law and and the "Regulations under the Kentucky Seed Law",
	1 Ola in a landament marietand des	1 that are marritted for labeling of seed
	1. Obtain seed only through registered dea	lers that are permitted for labeling of seed. ixed seed are accompanied with a master blend sheet.
	<ol> <li>Ensure all deliveries/shipments of prem</li> <li>The Department may sample the seed a</li> </ol>	
	4. Ensure all bags and containers have an	
	4. Liisute an ougs and contamors have an	accopation dova tag attached
	Do not use seed (grasses, native grasses germination (including hard seed) is less than 60 of the month tested, or if the limits of noxious we	and legumes) if the weed seed is over 2%, total %, if the seed test date is over 9 months old exclusive
	Ensure that noxious weed seeds contained	l in any seed or seed mixture does not exceed the
	maximum permitted rate of occurrence per pound	n. Max. No. Seeds
	Name of Vind	(per pound)*
	Name of Kind Balloon Vine (Cardiospermum Halicacabum)	0
	Purple Moonflower (Ipomoea turbinata)	0
	Canada Thistle (Cirsium Arvense)	0
4 1 1 1 L	Johnsongrass (Sorghum Halepense and Sorghum	Almum and perennial rhizomatous derivatives of
	these species) 0	
	Quackgrass (Elytrigia Repens)	0
	Annual Bluegrass (Poa Annua)	256
	Buckhorn Plantain (Plantago Ianceolata)	304
	Corncockle (Agrostemma Githago)	192
	Dodder (Cuscuta spp.)	192
	Giant Foxtail (Setaria Faberii)	192
	Oxeye Daisy (Chrysanthemum Ieucanthemum)	256
	Sorrel (Rumex Acetosella)	256
	Wild Onion and Wild Garlic (Allium spp.)	96
	* Seed or seed mixtures that contain in exce	ss of 480 total noxious seeds per pound is prohibited

Wildflower seed shall not be planted until approved by the MCL.

### **Supplemental Specifications to The Standard Specifications** for Road and Bridge Construction, 2000 Edition (Effective-with the October 25, 2002 Letting)

	Pay Value	Deviation From JMF (%)
Asphalt	1.00	0.0-0.5
Binder	0.98	0.6
Content	0.95	·
	0.90	0.7
	0.85	0.8
4	0.75	≥ 0.9
1 1/2 inch	1.00	0-13
Sieve	0.98	. 14
	0.95	15-16
	0.90	17-20
	0.85	21-23
1	0.75	≥ 24
1 inch,	1.00	0-9
3/4 inch,	0.98	10
and 1/2 inch	0.95	11-12
Sieves	0.90	13-14
	0.85	15-16
	0.75	≥ 17
3/8 inch,	1.00	0-8
No. 4,	0.98	9
No. 8,	0.95	10
No. 16,	0.90	11-12
and No. 30	0.85	13-14
Sieves	0.75	≥ 15
No. 50	1.00	0-6
Sieve	。 0.98	7
	0.95	8
	0.90	9
	0.85	10
	0.75	≥ 11
No. 100	1.00	0-3
Sieve	0.98	
	0.95	4
1 1 1	0.90	5
	0.85	
	0.75	≥6
No. 200	1.00	0.0-2.0
Sieve	0.98	2.5
	0.95	3.0
	0.90	
	0.85	3.5
	0.75	≥ 4.0
Fineness	1.00	0.0-0.30
Modulus	0.98	0.31-0.34
	0.95	0.35-0.39
	0.90	0.40-0.46
	0.85	0.47-0.55
	0.75	≥ 0.56

### SPECIAL NOTE FOR ACCEPTANCE OF DENSITY OF LONGITUDINAL JOINTS IN ASPHALT SURFACE PAVEMENTS

This Special Note will apply when indicated on the plans or in the proposal. Section references herein are to the Department's 2000 Standard Specifications for Road and Bridge Construction.

- 1.0 **DESCRIPTION.** This note specifies additional density acceptance testing required for the longitudinal joint of asphalt surface mixtures compacted under Option A requirements. Due to the inherent difficulty of compacting longitudinal joints, conventional methods of compaction may not be adequate to achieve the desired level of density.
- 2.0 MATERIALS AND EQUIPMENT. Reserved.

#### 3.0 CONSTRUCTION.

3.1 Acceptance. In addition to the responsibilities of Subsection 402.03.02 D), furnish 2 cores per sublot at a location randomly selected in the longitudinal direction by the Engineer according to KM 64-113. Select the transverse direction such that some part of the core circumference is within  $3.0 \pm 0.5$  inches of the longitudinal joint.

By the end of the following workday, obtain the core(s) from the longitudinal joint as each lane of material is placed. Do not wait for the adjoining lane to be placed before obtaining the core(s) from the longitudinal joint.

**4.0 MEASUREMENT.** The Department will not measure the additional coring required by this note for payment and will consider it incidental to the asphalt mixture.

#### 5.0 PAYMENT.

- **5.1** Lot Pay Adjustment. Contrary to Subsection 402.05.02, the Department will use the following Lot Pay Adjustment Schedule to assign pay values for AC, AV, VMA, Lane Density, and Joint Density within each sublot.
- 5.2 Joint Density Deductions. Due to a lack of experience with longitudinal joint density requirements, the Department will not enforce net project deductions resulting from Joint Density values as given in the Lot Pay Adjustment Schedule. However, when bonuses exceed deductions for asphalt mixture for the total project, the Department will apply the Joint Density values and pay the net difference.

#### LOT PAY ADJUSTMENT SCHEDULE

Lot Pay Adjustment = (Unit Price) (Quantity) [{0.05(AC Pay Value) + 0.25(AV Pay Value) + 0.25(VMA Pay Value) + 0.30(Lane Density Pay Value) + 0.15(Joint Density Pay Value)} - 1.00]

WEIGHTED VALUES					
	AC	AV	VMA	Lane Density	Joint Density
Weight (%)	5	25	25	30	15

AC			
Pay Value	Deviation		
	From JMF (%)		
1.00	≤±0.5		
0.95	± 0.6		
0.90	± 0.7		
(1)	≥±0.8		

VMA			
Pay Value	Deviation		
	From Minimum		
1.00	≥ min. VMA		
0.95	0.1-0.5 below min.		
0.90	0.6-1.0 below min.		
(1)	> 1.0 below min.		

AV	
Pay Value	Test Result
	(%)
1.05	3.5-4.5
1.00	3.0-5.0
0.95	2.5-5.5
0.90	2.0-6.0
(1)	$\approx$ < 2.0 or > 6.0

LANE DENSITY	
Pay Value	Test Result
	(%)
1.05	94.0-96.0
1.00	92.0-93.9
0.95	91.0-91.9 or 96.1-96.5
0.90	90.0-90.9 or 96.6-97.0
(1)	< 90.0 or > 97.0

JOINT DENSITY		
Pay Value	Test Result	
	(%)	
1.05	91.0-96.0	
1.00	89.0-90.9	
0.95	88.0-88.9 or 96.1-96.5	
0.90	87.0-87.9 or 96.6-97.0	
0.75	< 87.0 or > 97.0	

The Department will evaluate the acceptability of the work. When the Department allows the Contractor to leave the work in place, the Department will determine its value and may pay up to, but no case more than, 85 percent. In addition to the reduction in pay, the Department may require the Contractor to perform corrective action to the work.

June 4, 2002

#### TRAFFIC CONTROL PLAN FD05-051-0060-000-004

#### TRAFFIC CONTROL GENERAL

Except as provided herein, traffic shall be maintained in accordance with the 2000 Standard Specifications and the Standard Drawings, current editions. Except for the roadway and traffic control bid items listed, all items of work necessary to maintain and control traffic will be paid at the lump sum bid price to "Maintain and Control Traffic".

Contrary to Section 106.01, traffic control devices used on this project may be new, or used in like new condition, at the beginning of the work and maintained in like new condition until completion of the work.

#### PROJECT PHASING & CONSTRUCTION PROCEDURES

At the discretion of the Engineer, days and hours may be specified when lane closures will not be allowed.

The Contractor may maintain alternating one way traffic during construction. The clear lane width shall be 12 feet. If traffic should be stopped due to construction operations, and a school bus on an official run arrives on the scene, the Contractor shall make provisions for the passage of the bus as quickly as possible.

#### LANE CLOSURES

Lane closures shall not be left in place during non-working hours.

#### **SIGNS**

Contrary to Section 112.04.02 and 112.04.03, Low Shoulder signs will not be measured for payment, but will be incidental to Maintain and Control Traffic. Contrary to section 112.04.02, only long term signs (signs intended to be continuously in place for more than 3 days) will be measured for payment; short term signs (signs intended to be left in place for 3 days or less) will not be measured for payment but will be incidental to Maintain and Control Traffic.

Traffic Control Plan FD05-051-0060-000-004 Page 2

#### **BARRICADES**

Barricades used in lieu of barrels and cones for channelization or delineation will be incidental to Maintain and Control Traffic according to Section 112.04.01. Barricades used to protect pavement removal areas will be bid as each according to Section 112.04.05.

#### PAVEMENT EDGE DROP-OFFS

A pavement edge between opposing directions of traffic or lanes that traffic is expected to cross in a lane change situation shall not have an elevation difference greater than 1½". Warning signs (MUTCD W8-11 or W8-9A) shall be placed in advance of and at 1500 feet intervals throughout the drop-off area. Dual posting on both sides of the traveled way shall be required. All transverse transitions between resurfaced and unresurfaced areas which traffic may cross shall be wedged with asphalt mixture for leveling and wedging. The wedges shall be removed prior to placement of the final surface course.

Pavement edges that traffic is not expected to cross, except accidentally, shall be treated as follows:

Less than 2" - No protection required.

2" to 4" - Place plastic drums, vertical panels, or barricades every 50 feet. Cones may be used in place of plastic drums, panels, and barricades during daylight working hours. Wedge with asphalt mixture for leveling and wedging with a 1:1 or flatter slope in daylight hours, or 3:1 or flatter slope during nighttime hours, when work is not active in the drop-off area.

Base Failures – Place plastic drums, vertical panels, or barricades every 25 feet. Cones may be used in place of plastic drums, panels, and barricades during daylight working hours. Place Type III barricades in front of open trench facing oncoming traffic in both directions. Backfill trench with Asphalt Base the same day it is excavated. Wedge with cuttings from trench with a 1:1 or flatter slope in daylight hours, or 3:1 or flatter slope during nighttime hours, when work is not active in the drop-off area.

SN 2lane TCP 11/24/1999

#### SPECIAL NOTE FOR TYPICAL SECTION DIMENSIONS

FOOS 051-0060-000-004

The dimensions shown on the typical sections for pavement and shoulder widths and thicknesses are nominal or typical dimensions. The actual dimensions to be constructed may be varied to fit existing conditions as directed or approved by the Engineer. It is not intended that existing pavement or shoulders be widened unless specified elsewhere in the Proposal.

SN Typical Section

# SPECIAL NOTE FOR ASPHALT MILLING AND TEXTURING FOOS OS/-0060-000-009

Paving operations shall begin no later than **2 weeks** after the beginning of the asphalt milling operation. Paving operations shall then progress continuously until completed. If paving operations do not begin within this time period specified in this note, liquidated damages shall be assessed. Liquidated Damages shall comply with the rate prescribed by Section 108.09 of the 2000 Standard Specifications for each day until paving operations begin.

Contrary to Section 408 of the 2000 Standard Specifications, the many	aterial obtained from
the milling operations shall become the property of the Department.	The Contractor shall
deliver this material to the State Maintenance facility in	County.

SN 2week Milling state

11/24/1999

## FOOS OS/-0060-000-004

Contrary to Section 403.03.08 of the 2000 Standard Specifications, construct rumble strips on all mainline and ramp shoulders.

SN Rumble Strip

#### SPECIAL NOTE FOR AWARD OF CONTRACT FD05 051-0060-000-004

Contrary to Section 103.02, the Department may hold the Bid Proposals of any or all bidders for a period not to exceed 90 calendar days for final disposition of award. The Department may hold the Bid Proposal of the lowest bidder longer than 90 calendar days if the bidder concurs.

Contrary to Section 103.04, The Department will hold the Proposal Guaranty of the lowest bidder and the Proposal Guaranty of the second lowest bidder, as determined by the Commissioner, until the Department awards the Contract and executes and approves the Contract and bond of the successful bidder, or until the Department rejects all Bid Proposals. If the Department does not make an award within 90 calendar days, the Department will return all Proposal Guaranties.

Except as provided in this note or elsewhere in the proposal, all other applicable portions of Section 103 apply.

### FOOS OSI-0060-000-004

Repair locations listed on the summary are approximate only. The Engineer will determine actual repair locations prior to resurfacing. After milling and texturing 1½" overall, mill and texture an additional 4" of asphalt pavement at the specified locations

Backfill the milled area with 4 inches of Class 2 Asphalt Base 1.50D PG64-22. Seal the Asphalt Base with Leveling and Wedging. Perform all base failure repairs in such a manner that removal and replacement are completed on the same day. Do not place final asphalt surface course over repaired base failures until a minimum of 7 days has elapsed after placement of the asphalt base. Level and wedge any settlement that occurs after opening to traffic. When the Engineer determines the area is sufficiently stabilized, place final surface course.

The bidder must draw his own conclusions as to the conditions encountered. The Department does not give any guarantee as to the accuracy of the data and no claim will be considered for additional compensation of the materials encountered that are not in accord with the classification shown.

Payment at the Contract unit prices per ton "Asphalt Milling and Texturing", "Class 2 Asphalt Base 1.50D PG64-22" and for "Leveling and Wedging" shall be full compensation for all labor, materials, equipment, and incidentals for removing pavement, furnishing and placing asphalt base, leveling and wedging, and all other items necessary to complete the work to the satisfaction of the Engineer.

BaseFailureRepair.Mill.Inlay.1 8/13/2002

#### PART II

#### SPECIAL PROVISIONS APPLICABLE TO PROJECT

SPECIAL PROVISION NO.

TITLE

NO SPECIAL PROVISIONS APPLY TO THIS PROJECT

#### PART III

### EMPLOYMENT, WAGE AND RECORD REQUIREMENTS (Copies of each Attached)

- 1. Schedule of Minimum Wages Established for the Project.
- 2. Labor and Wage Requirements, applicable to other than Federal-Aid System Contracts. (Rev. 2-16-95)
- 3. Executive Branch Code of Ethics.

**SHEET ONE** 

#### PROJECT WAGE RATES

**LETTING: 01-17-2003** 

### <u>HENDERSON COUNTY, FD05 051 0060 000-004</u> The Morganfield-Henderson Road (US 60)

Asphalt Surface

	HIGHWAY	FRINGE
	BASIC HOURLY	BENEFIT PAYMENTS
CRAFTS	RATES	COMBINED
Ballard, Butler, Caldwell, C	Carlisle, Crittenden, Daviess, Edmo	onson, Fulton, Graves, Hancock, Henderson, Hickman,
Hopkins, Livingston, Lyon	, Marshall, McCracken, McLean,	Muhlenberg, Ohio, Union & Webster Counties:
	24.15	
Allen, Calloway, Christian,	Logan, Simpson, Todd, Trigg & V	Warren Counties:
Bricklayers	20.16	1.60
All Counties:		
Carpenters	21.45	6.13
Piledrivermen	21.70	6.13
Divers	32.55	6.13
Butler, Edmonson, Logan,	Todd & Warren Counties:	
Electricians	24.25	8.24
Allen & Simpson Counties	• · · · · · · · · · · · · · · · · · · ·	
Electricians	15.85	4.115
Ballard, Caldwell, Callowa	y, Carlisle, Christian, Crittenden,	Fulton (Except a 5 mile radius of City Hall in Fulton),
Graves, Hickman, Livingst	on, Lyon, Marshall, McCracken &	Trigg Counties:
Electricians:		
Electricians	23.58	9.06
Cable Splicers	23.83	9.06
Daviess, Hancock, Hender	son, Hopkins, McLean, Muhlenber	g, Ohio, Union & Webster Counties:
Electricians:		
Electricians:	23.45	8.59
Heilarc Welding & Cable	Splicing23.70	8.64
Fulton County (Up to a 5 1	nile radius of City Hall in Fulton):	
Electricians	18.94	9.00
Cable Splicers	19.44	9.00
Butler County (Eastern eig	thth, including the Townships of Do	ecker, Lee & Tilford);
Edmonson County (Northe	ern three-fourths, including the Tov	vnships of Asphalt, Bee Spring, Brownsville, Grassland
	, Mammoth Cave, Ollie, Prosperity	
Ironworkers:	, , , , ,	
Structural; Ornamental; R	Reinforcing:	
	s23.25	10.87
		terville, Dunbar, Elfie, Gilstrap, Huntsville, Logansport
, · .	, , , , , , , , , , , , , , , , , , , ,	Welchs Creek); Caldwell County (Northeastern third
	· · · · · · · · · · · · · · · · · · ·	nern third, including Townships of Apex, Crofton, Kelly
•		If, including the Townships of Grove, Mattoon, Repton
- · · · · · · · · · · · · · · · · · · ·	• `	s of Bavier, Beech Creek Junction, Benton, Brennen
_	, ·	raham, Hillside, Luzerne, Lynn City, Martwick, McNary
	n, Paradise, Powderly, South Carro	
1.120111111, 1.1111111111, 1.10100	is, i middles, i o walliy, boddi Call	onton, I willia and 11 on /,

#### PROJECT WAGE RATES

SHEET TWO 01-17-2003

#### **HENDERSON COUNTY, FD05 051 0060 000-004**

	HIGHWAY	FRINGE
	BASIC HOURLY	BENEFIT PAYMENTS
CRAFTS (continued)	RATES	COMBINED
Daviess, Hancock, Henders	on, Hopkins, McLean, Ohio, Unio	on and Webster Counties:
Ironworkers	23.05	
Butler County (Southern thin	d, including the Townships of Bos	ton, Berrys Lick, Dimple, Jetson, Quality, Sharer, Sugar
Grove and Woodbury);		
Christian County (Eastern tw	o-thirds, including the Townships	of Bennettstown, Casky, Herndon, Hopkinsville, Howell,
Masonville, Pembroke and	Γhompsonville);	
	n fourth, including the Townships	
		os of Dunnior, Penrod & Rosewood);
Allen, Logan, Simpson, Too		
	18.22	
- ·		nships of Cedar Bluff, Cider, Claxton, Cobb, Crowtown,
• • • • • • • • • • • • • • • • • • • •	onia, McGowan, Otter Pond and I	
• ,	, -	pex, Crofton, Kelly, Mannington, Wynns, Bennettstown,
- · · · · · · · · · · · · · · · · · · ·	lle, Howell, Masonville, Pembroke	
_ ·		nips of Crayne, Dycusburg, Frances, Marion, Mexico,
Midway, Sheridan and Told	· ·	
	Fulton, Graves, Hickman, Livings	ton, Lyon, Marshall, McCracken and Trigg Counties:
Ironworkers	0.000.000.000.00	
•	et cost of \$20,000,000.00 or above	
	22.15	
	20.85	
·	ogan, Simpson & Warren Countie	
<del>-</del>	22.25	
		Fulton, Graves, Hickman, Hopkins, Livingston, Lyon,
Marshall, McCracken, Todd		
	20.45	
	on, McLean, Muhlenberg, Ohio, V	
_	20.50	8.97
Ballard County:	*	
Painters:	22.42	6.60
	23.43	
	19.13	
Spray, Blast, Steam, High	and Hazardous (Including Lead A	Abatement) and All Epoxy – 1.00 Premium.

#### PROJECT WAGE RATES

**SHEET THREE 01-17-2003** 

#### **HENDERSON COUNTY, FD05 051 0060 000-004**

	HIGHWAY	FRINGE	
	BASIC HOURLY	BENEFIT PAYMENTS	
CRAFTS (continued)	RATES	COMBINED	
Edmonson County:			
Painters:			
	17.02	5.92	
Abrasive Blaster, Fireproof	fing, Lead Abatement, Spray &		
Waterblaster 4000 PSI and	d Above 17.52	5.92	
Daviess, Hancock, Henderso	on, McLean, Ohio, Union & Webs	ter Counties:	
Painters:			
*Brush & Roller	20.30	7.73	
*Plasterers	20.55	7.73	
*Spray, sandblast, power to	ools,		
Waterblast, steamcleaning	, brush		
& roller of mastics, creoso	otes,		
kwinch koate & coal tar e	poxy21.30	7.73	
*Spray of mastics, creosote			
kwinch koate & coal tar e	poxy22.30	7.73	
*Bridges, Locks and Dams	add 1.15 to base rate.		
Allen, Butler, Logan, Muhle	nberg, Simpson, Todd & Warren	Counties:	
Painters:			
Brush	16.43	5.50	
Spray, sandblast, boswain			
- · · · · · · · · · · · · · · · · · · ·	16.93	5.50	
<del>-</del>		raves, Hickman, Hopkins, Livingston, Lyon, N	Marshall,
McCracken & Trigg Countie		, , , ,	ŕ
Painters:			
Bridges and Dams	22.25	5.50	
	16.00		
	500 PSI and above - \$.50 premiun		
•	ive blasting - \$1.00 premium		
Work 40 ft. and above gro	· · ·		
Allen, Butler, Edmonson, Si	-		
Plumbers; Gas Fitters:	impson, warren counties.		
Plumbing contracts less that	ın		
	19.17	5 07	
	ts24.15		
<sup>2</sup> m other plumonig contrac	45 24.13		

#### PROJECT WAGE RATES

**SHEET FOUR 01-17-2003** 

#### **HENDERSON COUNTY, FD05 051 0060 000-004**

	HIGHWAY	FRINGE	
	BASIC HOURLY	BENEFIT PAYMENTS	
CRAFTS (continued)	RATES	COMBINED	
Ballard, Caldwell, Calloway, C	Carlisle, Christian (Excluding F	t. Campbell), Crittenden, Fulton, Graves, I	Hickmar
Livingston, Lyon, Marshall, Mo	Cracken & Trigg Counties:		
Plumbers & Steamfitters	23.68	9.51	
Allen, Butler, Edmonson, Simp	son & Warren Counties:		
Pipefitters & Steamfitters	25.90	8.98	
Christian County (Ft. Campbell			
Pipefitter; Plumber	22.00	6.39	
* *		lenberg, Ohio, Todd, Union & Webster Cou	nties:
	23.29	— · · · · · · · · · · · · · · · · · · ·	
<del>-</del>	in which welding is incidental.		

#### LABORERS:

Aging & curing of concrete, asbestos abatement worker, asphalt plant, asphalt, batch truck dump, carpenter tender, cement mason tender, cleaning of machines, concrete, demolition, dredging, environmental -nuclear radiation, toxic & hazardous waste - Level D, flagperson, grade checker, hand digging & hand back filling, highway marker placer, landscaping, mesh handler & placer, puddler, railroad, rip-rap & grouter, right-of-way, sign, guard rail & fence installer, signal person, sound barrier installer, storm & sanitary sewer, swamper, truck spotter & dumper & wrecking of concrete form.

BASE RATE	. 16.34
FRINGE BENEFITS	7.38

Batter board man (sanitary & storm sewer), brickmason tender, mortar mixer operator, burner & welder, bushammer, chain saw operator, concrete saw operator, deckhand scow man, dry cement handler, environmental - nuclear, radiation, toxic & hazardous waste - Level C, forklift operator for masonary, form setter, green concrete cutting, hand operated grouter & grinder machine operator, jackhammer, pavement breaker, paving joint machine, pipelayer, plastic pipe fusion, power driven georgia buggy & wheel barrow, power post hole digger, precast manhole setter, walk-behind tamper, walk-behind trencher, sand blaster, concrete chipper, surface grinder, vibrator operator and wagon driller.

BASE RATE	16.59
FRINGE BENEFITS	

#### PROJECT WAGE RATES

#### **SHEET FIVE 01-17-2003**

#### HENDERSON COUNTY, FD05 051 0060 000-004

	HIGHWAY	FRINGE
	BASIC HOURLY	BENEFIT PAYMENTS
LABORERS: (continued		COMBINED
	, 0	an, gunnite operator & mixer, grout pump operator operator, tunnel (free air), and water blaster
		16.64
F	RINGE BENEFITS	
	cement finisher, environmental - nuc tunnel blaster and tunnel mucker (fr	clear, radiation, toxic & hazardous waste - levels A & B ee air).
В	BASE RATE	17.24
F	RINGE BENEFITS	
TEAMSTERS:		
Allen, Butler, Edmonson, Greaser, tire changer.	Logan, Simpson & Warren Countie	es:
B	BASE RATE	
F	RINGE BENEFITS	
Truck Mechanic.		
	BASE RATE	
<b>.</b>	FRINGE BENEFITS	8.14
•	ped, terrain vehicle when used to hau nipment, tandem axle dump, distribu	al materials, semi-trailer or pole trailer when used to pul stor, & mixer.
E	BASE RATE	17.24
F	RINGE BENEFITS	8.14

#### PROJECT WAGE RATES

SHEET SIX 01-17-2003

#### HENDERSON COUNTY, FD05 051 0060 000-004

	HIGHWAY	FRINGE
	BASIC HOURLY	BENEFIT PAYMENTS
TEAMSTERS: (continued)	RATES	COMBINED
		ticulator cat truck & 5 axle vehicle, winch & A-Frack when used to transport building materials and drive
BASE	RATE	17.30
FRING	GE BENEFITS	8.14
Ballard, Calloway, Caldwell, C McCracken, Todd & Trigg Cou Greaser, tire changer.		Fulton, Graves, Hickman, Livingston, Lyon, Marsh
BASE	RATE	21.99
FRING	GE BENEFITS	3.75
Truck Mechanic		
BASE	RATE	22.22
		3.75
Single axle dump and flatbed, to building materials and equipment		al materials, semi-trailer or pole trailer when used to part tor, & mixer.
BASE	RATE	22.29
FRIN	GE BENEFITS	3.75
		ator cat truck & 5 axle vehicle, winch & A-Frame when used to transport building materials and drivers

FRINGE BENEFITS 3.75

### PROJECT WAGE RATES HENDERSON COUNTY, FD05 051 0060 000-004

**SHEET SEVEN 01-17-2003** 

,	HIGHWAY	FRINGE	
	BASIC HOURLY	BENEFIT PAYMENTS	
TEAMSTERS: (continued)	RATES	COMBINED	
Daviess, Hancock, Henderson, Greaser, tire changer.	Hopkins, McLean, Muhlenber	g, Ohio, Union & Webster Counties:	
BASE	RATE		
FRIN	GE BENEFITS	8.80	
Truck Mechanic.			
BASE	RATE		
		8.80	
Single axle dump and flatbed, to building materials and equipme		l materials, semi-trailer or pole trailer when used tor, & mixer.	to pu
BASE	RATE		

Euclid and other heavy earthmoving equipment & lowboy, articulator cat truck & 5 axle vehicle, winch & A-Frame when used in transporting materials, Ross Carrier, forklift truck when used to transport building materials, drivers on pavement breaker.

BASE RATE	8.84
FRINGE BENEFITS	8.80

#### **OPERATING ENGINEERS:**

A-frame winch truck, auto patrol, backfiller, batcher plant, bituminous paver, bituminous transfer machine, boom cat, bulldozer, mechanic, cableway, carry-all scoop, carry deck crane, central compressor plant, clamshell, concrete mixer (21 cu. ft. or over), concrete paver, truck mounted concrete pump, core drill, crane, crusher plant, derrick, derrick boat, ditching and trenching machine, dragline, dredge operator, dredge engineer, elevating grader and loaders, grade-all, gurries, heavy equipment robotics operator/mechanic, high lift, hoe-type machine, hoist (two or more drums), hoisting engine (two or more drums), horizontal directional drill operator, hydrocrane, hyster, KeCal loader, LeTourneau, locomotive, mechanically operated laser screed, mechanic welder, mucking machine, motor scraper, orangepeel bucket, piledriver, power blade, pumpcrete, push dozer, rock spreader attached to equipment, rotary drill, roller (bituminous), scarifier, scoopmobile, shovel, side boom, subgrader, tailboom, telescoping type forklift, tow or push boat, tower crane (French, German and other types), tractor shovel, truck crane, tunnel mining machines, including moles, shields or similar types of tunnel mining equipment.

BASE RATE	20.85
FRINGE BENEFITS	8 40

#### PROJECT WAGE RATES

#### **SHEET EIGHT 01-17-2003**

#### HENDERSON COUNTY, FD05 051 0060 000-004

#### HIGHWAY BASIC HOURLY RATES

# FRINGE BENEFIT PAYMENTS COMBINED

#### **OPERATING ENGINEERS:** (continued)

Air compressor (over 900 cu. ft. per min.), bituminous mixer, boom type tamping machine, bull float, concrete mixer (under 21 cu. ft.), dredge engineer, electric vibrator, compactor/self-propelled compactor, elevator (one drum or buck hoist), elevator (when used to hoist building material), finish machine, firemen & hoist (one drum), flexplane, forklift (regardless of lift height), form grader, joint sealing machine, outboard motor boat, power sweeper (riding type), roller (rock), ross carrier, skid mounted or trailer mounted concrete pump, switchman or brakeman, throttle valve person, tractair and road widening trencher, tractor (50 H.P. or over), truck crane oiler, tugger, welding machine, well points, and whirley oiler.

BASE RATE	8.43
FRINGE BENEFITS	2 10

Greaser on grease facilities servicing heavy equipment.

BASE RATE.	18.81
FRINGE BENEFITS	8.40

Bituminous distributor, burlap and curing machine, cement gun, concrete saw, conveyor, deckhand oiler, grout pump, hydraulic post driver, hydro seeder, mud jack, oiler, paving joint machine, power form handling equipment, pump, roller (earth), steerman, tamping machine, tractor (under 50 H.P.) and vibrator.

BASE RATE	18.17
FRINGE BENEFITS	8.40

Cranes with booms one hundred fifty feet (150') and over (including jib) \$.50 premium.

Employees assigned to work below ground level are to be paid 10% above basic wage rate. This does not apply to open cut work.

Fringe benefit amounts are applicable for all hours worked except when otherwise noted.

These rates are listed pursuant to the Kentucky Determination No. CR-01-I HWY dated October 8, 2001 and/or Federal Decision No. KY020025 dated March 1, 2002, modification #1 dated March 29, 2002, modification #2 dated April 5, 2002, modification #3 dated May 3, 2002, modification #4 dated June 21, 2002, modification #5 dated July 5, 2002, modification #6 dated August 16, 2002, modification #7 dated September 13, 2002, modification #8 dated October 4, 2002 and modification #9 dated November 8, 2002.

#### One/Federal-State

#### PROJECT WAGE RATES

**SHEET NINE 01-17-2003** 

#### HENDERSON COUNTY, FD05 051 0060 000-004

No laborer, workman or mechanic shall be paid at a rate less than that of a Journeyman except those classified as bona fide apprentices.

Apprentices or trainees shall be permitted to work as such subject to Administrative Regulations adopted by the Commissioner of Workplace Standards. Copies of these regulations will be furnished upon request from any interested person.

Before using apprentices on the job the contractor shall present to the Contracting Officer written evidence of registration of such employees in a program of a State apprenticeship and training agency approved and recognized by the U. S. Bureau of Apprenticeship and Training. In the absence of such a State agency, the contractor shall submit evidence of approval and registration by the U. S. Bureau of Apprenticeship and Training.

The contractor shall submit to the Contracting Officer, written evidence of the established apprenticeship-journeyman ratios and wage rates in the project area, which will be the basis for establishing such ratios and rates for the project under the applicable contract provisions.

#### TO: EMPLOYERS/EMPLOYEES

#### PREVAILING WAGE SCHEDULE:

The wages indicated on this wage schedule are the least permitted to be paid for the occupations indicated. When an employee works in more than one classification, the employer must record the number of hours worked in each classification at the prescribed hourly base rate.

#### **OVERTIME:**

Overtime is to be paid after an employee works eight (8) hours a day or forty (40) hours a week, whichever gives the employee the greater wages. At least time and one-half the base rate is required for all overtime. A laborer, workman or mechanic and an employer may enter into a written agreement or a collective bargaining agreement to work more than eight (8) hours a calendar day but not more than ten (10) hours a calendar day for the straight time hourly rate. Wage violations or questions should be directed to the designated Engineer or the undersigned.

Rick Stansel, Director Division of Contract Procurement Frankfort, Kentucky 40622

## TRANSPORTATION CABINET DEPARTMENT OF HIGHWAYS

### LABOR AND WAGE REQUIREMENTS APPLICABLE TO OTHER THAN FEDERAL-AID SYSTEM PROJECTS

Application

Ϊ. III. Nondiscrimination of Employees (KRS 344) Payment of Predetermined Minimum Wages

Statements and Payrolls

#### APPLICATION I.

1. These contract provisions shall apply to all work performed on the contract by the contractor with his own organization and with the assistance of workmen under his immediate superintendence and to all work performed on the contract by piecework, station work or by subcontract. The contractor's station work or by subcontract. The contractor's organization shall be construed to include only workmen employed and paid directly by the contractor and equipment owned or rented by him, with or without operators.

2. The contractor shall insert in each of his

subcontracts all of the stipulations contained in these Required Provisions and such other stipulations as may

be required.

A breach of any of the stipulations contained in these Required Provisions may be grounds for termination of the contract.

#### II. NONDISCRIMINATION OF EMPLOYEES

# AN ACT OF THE KENTUCKY GENERAL ASSEMBLY TO PREVENT DISCRIMINATION IN EMPLOYMENT KRS CHAPTER 344 **EFFECTIVE JUNE 16, 1972**

The contract on this project, in accordance with KRS Chapter 344, provides that during the performance of this contract, the contractor agrees as follows:

1. The contractor shall not fail or refuse to hire, or shall not discharge any individual, or otherwise discriminate against an individual with respect to his compensation, terms, conditions, or privileges of employment, because of such individual's race, color, religion, national origin, sex, disability or age (between forty and seventy); or limit, segregate, or classify his employees in any way which would deprive or tend to deprive an individual of employment opportunities or deprive an individual of employment opportunities or otherwise adversely affect his status as an employee, because of such individual's race, color, religion, national origin, sex, disability or age (between forty and seventy). The contractor agrees to post in conspicuous places, available to employees and applicants for employment, notices to be provided setting forth the provisions of this nondiscrimination clause.

2. The contractor shall not print or publish or cause to be printed or published a notice or advertisement relating to employment by such an employer or membership in or any classification or referral for employment by the employment agency, indicating any preference, limitation, specification, or

indicating any preference, limitation, specification, or discrimination, based on race, color, religion, national origin, sex, disability or age (between forty and seventy), except that such notice or advertisement may indicate a preference, limitation, or specification based on religion, or national origin when religion, or national origin is a bona fide occupational qualification for

employment.

3. If the contractor is in control of apprenticeship or other training or retraining, including on-the-job training programs, he shall not discriminate against an individual because of his race, color, religion, national origin, sex, disability or age (between forty and seventy), in admission to, or employment in any program established to provide apprenticeship or other training.

4. The contractor will send to each labor

union or representative of workers with which he has a collective bargaining agreement or other contract or understanding, a notice to be provided advising the said labor union or workers' representative of the contractor's commitments under this section, and shall post copies of the notice in conspicuous places available to employees and applicants for employment. The contractor will take such action with respect to any subcontract or purchase order as the administrating agency may direct as a means of enforcing such provisions, including sanctions for non-compliance.

## PAYMENT OF PREDETERMINED MINIMUM WAGES Ш.

1. These special provisions are supplemented elsewhere in the contract by special provisions which set forth certain predetermined minimum wage rates. The contractor shall pay not less than those rates.

2. The minimum wage determination schedule that the provided here.

shall be posted by the contractor, in a manner prescribed by the Department of Highways, at the site of the work in prominent places where it can be easily seen by the workers.

#### STATEMENTS AND PAYROLLS IV.

1. All contractors and subcontractors affected by the terms of KRS 337.505 to 337.550 shall keep full and accurate payroll records covering all disbursements of wages to their employees to whom they are required to pay not less than the prevailing rate of wages. Payrolls and basic records relating thereto will be maintained during the course of the work and preserved for a period of one (1) year from the date of completion of this contract.

2. The payroll records shall contain the name, address and social security number of each employee, his correct classification, rate of pay, daily and weekly number of hours worked, itemized deductions made and

actual wages paid.
3. The contractor shall make his daily records available at the project site for inspection by the State Department of Highways contracting office or his authorized representative.

Periodic investigations shall be conducted as required to assure compliance with the labor provisions of the contract. Interrogation of employees and officials of the contractor shall be permitted during working hours.

Aggrieved workers, Highway Managers, Assistant District Engineers, Resident Engineers and Project Engineers shall report all complaints and violations to the Division of Contract Procurement.

The contractor shall be notified in writing of

apparent violations. The contractor may correct the reported violations and notify the Department of Highways of the action taken or may request an informal hearing. The request for hearing shall be in writing within ten (10) days after receipt of the notice of the reported violation. The contractor may submit records and information which will aid in determining the true facts relating to the reported violations. the true facts relating to the reported violations

Any person or organization aggrieved by the action taken or the findings established as a result of an informal hearing by the Division of Contract

Procurement may request a formal hearing.

4. The wages of labor shall be paid in legal tender of the United States, except that this condition will be considered satisfied if payment is made by a negotiable check, on a solvent bank, which may be cashed readily by the employee in the local community for the full amount, without discount or collection charges of any kind. Where checks are used for payments, the contractor shall make all necessary arrangements for them to be cashed and shall give information regarding such arrangements.

5. No fee of any kind shall be asked or accepted by the contractor or any of his agents from any person as a condition of employment on the project.

person as a condition of employment on the project.

6. No laborers shall be charged for any tools used in performing their respective duties except for reasonably avoidable loss or damage thereto.
7. Every employee on the work covered by this contract shall be permitted to lodge, board, and trade where and with whom he elects and neither the contractor nor his agents, nor his employees shall directly or indirectly require as a condition of employment that an employee shall lodge, board or trade at a particular place or with a particular person.

8. Every employee on the project covered by this contract shall be an employee of either the prime

contractor or an approved subcontractor.

9. No charge shall be made for any transportation furnished by the contractor or his agents

to any person employed on the work.

10. No individual shall be employed as a laborer or mechanic on this contract except on a wage basis, but this shall not be construed to prohibit the rental of teams, trucks or other equipment from individuals.

No Covered employee may be employed on

the work except in accordance with the classification set forth in the schedule mentioned above; provided, however, that in the event additional classifications are required, application shall be made by the contractor to the Department of Highways and (1) the Department shall request appropriate classifications and rates from the proper agency, or (2) if there is urgent need for additional classification to avoid undue delay in the work, the contractor may employ such workmen at rates deemed comparable to rates established for similar classifications provided he has made written application through the Department of Highways, addressed to the proper agency, for the supplemental rates. The contractor shall retroactively adjust, upon receipt of the supplemental rates schedule, the wages of any employee paid less than the established rate and may adjust the wages of any employee overpaid.

11. No contractor or subcontractor contracting for any part of the contract work which may require or involve the employment of laborers or mechanics shall require or permit any laborer or mechanic in any work-week in which he is employed on such work, to work in excess of eight hours in any calendar day or in excess of forty hours in such work-week unless such laborer or mechanic receives compensation at a rate not less than one and one half times his basic rate of pay for all hours worked in excess of eight hours in any calendar day or in excess of forty hours in such work-week. A laborer, workman or mechanic and an employer may enter into a written agreement or a collective bargaining agreement to work more than eight (8) hours a calendar agreement to work more than eight (8) hours a calendar day but not more than ten (10) hours a calendar day for the straight time hourly rate. This agreement shall be in writing and shall be executed prior to the employee working in excess of eight (8) hours, but not more than ten (10) hours, in any one (1) calendar day.

12. Payments to the contractor may be suspended or withheld due to failure of the contractor

to pay any laborer or mechanic employed or working on the site of the work, all or part of the wages required under the terms of the contract. The Department may suspend or withhold payments only after the contractor has been given written notice of the alleged violation and the contractor has failed to comply with the wage determination of the Department of Highways

13. Contractors and subcontractors shall comply with the sections of Kentucky Revised Statutes, Chapter 337 relating to contracts for Public Works.

Revised 2-16-95

### EXECUTIVE BRANCH CODE OF ETHICS

In the 1992 regular legislative session, the General Assembly passed and Governor Brereton Jones signed Senate Bill 63 (codified as KRS 11A), the Executive Branch Code of Ethics, which states, in part:

## KRS 11A.040 (6) provides:

No present or former public servant shall, within six (6) months of following termination of his office or employment, accept employment, compensation or other economic benefit from any person or business that contracts or does business with the state in matters in which he was directly involved during his tenure. This provision shall not prohibit an individual from returning to the same business, firm, occupation, or profession in which he was involved prior to taking office or beginning his term of employment, provided that, for a period of six (6) months, he personally refrains from working on any matter in which he was directly involved in state government. This subsection shall not prohibit the performance of ministerial functions, including, but not limited to, filing tax returns, filing applications for permits or licenses, or filing incorporation papers.

## KRS 11A.040 (8) states:

A former public servant shall not represent a person in a matter before a state agency in which the former public servant was directly involved, for a period of one (1) year after the latter of:

- a) The date of leaving office or termination of employment; or
- b) The date the term of office expires to which the public servant was elected.

This law is intended to promote public confidence in the integrity of state government and to declare as public policy the idea that state employees should view their work as a public trust and not as a way to obtain private benefits.

If you have worked for the executive branch of state government within the past six months, you may be subject to the law's prohibitions. The law's applicability may be different if you hold elected office or are contemplating representation of another before a state agency.

Also, if you are affiliated with a firm which does business with the state and which employs former state executive-branch employees, you should be aware that the law may apply to them.

In case of doubt, the law permits you to request an advisory opinion from the Executive Branch Ethics Commission, Room 136, Capitol Building, 700 Capitol Avenue, Frankfort, Kentucky 40601; telephone (502) 564-7954.

### PART IV

#### INSURANCE

The Contractor shall carry the following insurance in addition to the insurance required by law:

- (1) Contractor's Public Liability Insurance not less than \$100,000.00 for damages arising out of bodily injuries to or death to one person. Not less than \$300,000.00 for damages arising out of bodily injuries to or death to two or more persons.
- (2) Contractor's Property Damages Liability Insurance. Not less than \$100,000.00 for all damages arising out of injury or destruction of property in any one accident. Not less than \$300,000.00 for all damages during the policy period.
- (3) Contractor's Protective Public Liability and Property Damage Insurance. The contractor shall furnish evidence with respect to operations performed for him by subcontractors that he carries in his own behalf for the above stipulated amounts.
- (4) The insurance required above must be evidenced by a Certificate of Insurance and this Certificate of Insurance must contain one of the following statements:
  - a. "policy contains no deductible clauses."
  - b. "policy contains a \_\_\_\_\_ deductible property (amount)

    damage clause but company will pay claim and collect the deductible from the insured."
- (5) WORKMEN'S COMPENSATION INSURANCE. The contractor shall furnish evidence of coverage of all his employees or give evidence of self-insurance by submitting a copy of a certificate issued by the Workmen's Compensation Board.

## PART V

# STATEMENT OF INCOMPLETED WORK

1. Status of Active Prime Contracts.

Attached

### 1. STATUS OF ALL INCOMPLETED PRIME CONTRACTS

All active prime contracts must be reported. This includes prime contracts with public and private owners and joint-ventured contracts. The names of the joint venturers must be shown when reporting these projects. A machine or typed listing reporting the status of each contract is acceptable when attached to this report; however, the total amounts on the itemized listing must be reported in the space provided below:

CONTRACT WITH	PROJECT IDENTIFICATION	PRIME CONTRACT AMOUNT	EARNINGS THROUGH LAST APPROVED ESTIMATE	TOTAL AMOUNT OF WORK REMAINING
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				·
TOTAL (Attach Summary if not itemized above)		\$	s	\$

PART VI

BID ITEMS

THE QUANTITY SHEET(S) REPRESENTS THE ESTIMATED QUANTITIES (ONLY) FOR THE SUBJECT PROJECT. PROPOSAL(S) MAY NOT BE AVAILABLE WHEN THE QUANTITIES ARE POSTED.

YOUR BID <u>WILL NOT</u> BE CONSIDERED IF THESE SHEET(S) ARE MADE A PART OF THE BID PROPOSAL WHICH YOU SUBMIT TO THE KENTUCKY DEPARTMENT OF HIGHWAYS.

### TRANSPORTATION CABINET

Department of Highways

FRANKFORT, KY 40622

Sheet No: 1

PCN: 03-0007

Letting: 1/17/2003

HENDERSON COUNTY

FD05 051 0060 000-004

em   lo.	Code   No.	ltem		Approximate  Quantity	   Unit		Unit Price Dollars	Amount   Dollars
	·			·	·			·
1	2677	ASPH PAVE MILLING & TEXTURING		1,590.00	TON	I		I
2	0190	LEVELING AND WEDGING PG64-22	1	630.00	TON	1		I
3	0203	CL2 ASPH BASE 1.50D PG64-22	I	150.00	TON	1		I
4	0326	CL3 ASPH SURF 0.50B PG76-22	I	5,340.00	TON			I
5	6514	PAVE STRIPING-PERM PAINT-4 IN	I	50,300.00	LIN FT			I
6	6510	PAVE STRIPING-TEMP PAINT-4 IN		13,600.00	LIN FT	1		I
7	6600	REMOVE PAVEMENT MARKER TYPE V	/	348.00	EACH	Ι		
8	2014	BARRICADE-TYPE III		6.00	EACH	I		
9	2562	SIGNS		300.00	SQ FT	J.		
10	2650	MAINTAIN AND CONTROL TRAFFIC		1.00	LP SUM	I		
11	2676	MOBILIZATION FOR MILL & TEXT	1	1.00	LP SUM	1		I
12	2569	DEMOBILIZATION	Т	1.00	LP SUM /	1		I
13		TOTAL BID				I		\$

# PART VII

# **CERTIFICATIONS**

1.	Provisions Relative to Senate Bill 258 (1994)	Attached
2.	Non-Collusion Certification	Attached
3.	Certification of Bid Proposal	Attached

## PROVISIONS RELATIVE TO SENATE BILL 258 (1994)

During provisio		formance of	the contract, the contractor agrees to comply with applicable
	1.	KRS 136	Corporation and Utility Taxes
	2.	KRS 139	Sale and Use Taxes
	3.	KRS 141	Income Taxes
	4.	KRS 337	Wages and Hours
	5.	KRS 338	Occupational Safety and Health of Employees
	6.	KRS 341	Unemployment Compensation
	7.	KRS 342	Workers Compensation
_			a violation by the contractor within the previous five (5) years statutes above are revealed as follows:
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			<u>.</u>
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# NON-COLLUSION CERTIFICATION

COMMONWEALTH OF KENTUCKY COUNTY	
PROJECT NO.	
I, (Name of officer signing certification)	(Title), under
,	
penalty of perjury under the laws of the United Stat	es, do hereby certify that
(Insert name of Individual, Joint Venture, Co-partne	ership, or Corporation submitting bid)
its agent, officers or employees have not directly of	or indirectly entered into any
agreement, participated in any collusion, or otherwi	se taken action in restraint of free
competitive bidding in connection with this proposal	
	(Signature)
	(Title)
	(11010)
REVISED: 8-23-89	
	States, do hereby certify that  Arthership, or Corporation submitting bid)  Ely or indirectly entered into any herwise taken action in restraint of free hosal.  (Signature)  (Title)  RTIFICATION  Title)  States, do hereby certify that  Arthership, or Corporation submitting bid)  Ly or indirectly entered into any herwise taken action in restraint of free
NON-COLLUSION CERTIF	TCATTON
NON COMMODICAL CONTIN	
COMMONWEALTH OF KENTUCKY COUNTY	
PROJECT NO.	
	and a
I,,  (Name of officer signing certification)	
penalty or perjury under the laws of the United Stat	es, do hereby certify that
(Insert name of Individual, Joint Venture, Co-partne	ership, or Corporation submitting bid)
its agent, officers or employees have not directly of	r indirectly entered into any
agreement participated in any collusion or otherwi	se taken action in restraint of free
agreement, participated in any corrusion, or otherwi	se taken action in restraint of free
competitive bidding in connection with this proposal	•
· · · · · · · · · · · · · · · · · · ·	
	(Signature)
•	(Title)
REVISED: 8-23-89	

### CERTIFICATION OF BID PROPOSAL

- We (I) propose to furnish all labor, equipment and materials necessary to construct and/or improve the subject project in accordance with the plans, the Transportation Cabinet's Standard Specifications for Road and Bridge Construction, current edition, special provisions, notes applicable to the project as indicated herein and all addenda issued on this project subsequent to purchase of proposal.
- We (I) attach a bid proposal guaranty as provided in the special provisions in an amount not less than 5% of the total bid. We agree to execute a contract in accordance with this bid proposal within 15 calendar days after the receipt of the notice of award for the project.
- We (I) have examined the site of proposed work, project plans, specifications, special provisions, and notes applicable to the project referred to herein. We understand that the quantities shown herein are estimated quantities subject to increase or decrease as provided in the specifications.

Name of Contracting Firm				
:				
Authorized Agent	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		Title	
·				
Address	City	State	Zip Code	
Telephone Number				

When two or more organizations bid as a joint venture, enter names of each organization and an authorized agent for each organization must sign above.